	Notice of Allowability	Application No. Applicant(s)			
		09/885,744	NIIMI ET AL.		
		Examiner	Art Unit		
		Khiem D Nguyen	2823	. Pr	
	The MAILING DATE of this communication appears on the cover sheet with the correspondence address I claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included erewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS OTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initia the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.				
	 This communication is responsive to <u>02/19/04</u>. The allowed claim(s) is/are <u>1-7 and 9-13</u>. The drawings filed on <u>20 September 2001</u> are accepted by Acknowledgment is made of a claim for foreign priority und 	, the Everiner	n)-(d) or (f)		
	Syll All by Some c) I None of the:				
	1. Certified copies of the priority documents have been received.				
	2. Certified copies of the priority documents have been received in Application No.				
	3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).				
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	* Certified copies not received:				
	5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).				
- 1	(a) ☐ The translation of the foreign language provisional application has been received. 3. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.				
	or a claim for domestic priority un	der 35 U.S.C. §§ 120	and/or 121.		
i	Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE				
	'. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF NO				
8	 8. ☐ CORRECTED DRAWINGS must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) ☐ hereto or 2) ☐ to Paper No 				
	(b) including changes required by the proposed drawing correction find				
	(c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No.				
	ldentifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet.				
9 a	 DEPOSIT OF and/or INFORMATION about the deposit ttached Examiner's comment regarding REQUIREMENT FOR THE 	t of BIOLOGICAL N E DEPOSIT OF BIOL	MATERIAL must be submitted. Not OGICAL MATERIAL.	e the	
	Attachment(s)				
3[5[□ Notice of References Cited (PTO-892) □ Notice of Draftperson's Patent Drawing Review (PTO-948) □ Information Disclosure Statements (PTO-1449), Paper No. □ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	4∐ Intel 6 ∑ Exa	ice of Informal Patent Application (PT0 rview Summary (PTO-413), Paper No miner's Amendment/Comment miner's Statement of Reasons for Allo er	· ·	

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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Gary C. Honeycutt on April 26th, 2004.

The application has been amended as follows:

In claim:

Cancel non-elected claims 14-16.

Allowable Subject Matter

Claims 1-7 and 9-13 are allowed.

Reasons For Allowance

The following is a statement of reasons for the indication of allowable subject matter: The prior art taken alone or in combination neither discloses nor makes obvious the instant process of claims as a whole. Specifically, the prior art of record, Huang (U.S. Pub 2002/0146914) discloses a method for forming an integrated circuit structure, comprising the steps of: providing a substrate 11 having a semiconductor surface (page 2, paragraph [0018]) and forming an oxynitride layer 104 (page 2, paragraph [0019]) on the semiconductor surface but fails to teach or suggest the Applicant's steps of forming an oxygen-containing layer on the semiconductor surface; then subsequently forming a uniform nitrogen distribution throughout the oxygen-containing layer; and subsequently,

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re-oxidizing the layer by a rapid anneal step in an oxidizer and hydrogen mixture of N_2O and H_2 for stabilizing the nitrogen distribution, healing plasma-induced damage, and reducing interfacial defect density as recited in the independent claim 1, lines 5-13.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khiem D Nguyen whose telephone number is (571) 272-1865. The examiner can normally be reached on Monday-Friday (8:00 AM - 5:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Olik Chaudhuri can be reached on (571) 272-1855. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 305-3432 for regular communications and (703) 305-3432 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

K.N. April 26, 2004

W. DAVID COLEMAN PRIMARY EXAMINER